

ANNUAL REPORT FOR 2007



**Town Creek Bridge
Brunswick County
TIP No. B-3115
CAMA permit No. 80-04**



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SUMMARY

The Town Creek Bridge Mitigation Site (B-3115) is located in Brunswick County. This is an annual report for temporary impacts associated with bridge replacement of Bridge No. 61 over Town Creek on NC 133. The site was completed in March 2005.

The temporary impacts encompass approximately 0.01 acres. The area that was impacted by mechanized clearing is being monitored to ensure that it re-attains wetland jurisdictional status. Hydrologic monitoring is not required for this site; however, vegetation monitoring is required for three years.

After the third year of monitoring, the Town Creek Bridge site shows by visual observation that the temporarily impacted area is re-attaining wetland jurisdictional status.

NCDOT proposes to discontinue vegetation monitoring of this site.

1.0 INTRODUCTION

1.1 Project Description

The Town Creek Bridge Mitigation Site (B-3115) is located in Brunswick County. This is an annual report for temporary impacts associated with bridge replacement of Bridge No. 61 over Town Creek on NC 133 (Figure 1).

1.2 Purpose

In order for a temporarily impacted site to be considered successful, the site must re-attain wetland jurisdictional status. This report details the vegetation monitoring in 2007 at the Town Creek Bridge site. Hydrologic monitoring was not required for this site.

1.3 Project History

March 2005	Project Completed
July 2005	Vegetation Monitoring (1 year)
August 2006	Vegetation Monitoring (2 year)
August 2007	Vegetation Monitoring (3 year)

2.0 VEGETATION: TOWN CREEK BRIDGE SITE (YEAR 3 MONITORING)

2.1 Success Criteria

Due to the possibility that compaction, mechanized clearing, and/or other site alterations might prevent the temporary wetland impact area from re-attaining wetland jurisdictional status, the permittee shall provide an annual update on the wetland areas temporarily impacted by this project. This annual update will consist of photographs and a brief report on the progress of the temporarily impacted areas. After three years of monitoring, the permittee shall schedule a field meeting with DCM, DWQ, and WRC to determine if the temporarily impacted areas have re-attained jurisdictional wetland status. If at the end of three years the area has not re-attained jurisdictional wetland status, NC DCM and the above listed agencies shall determine whether a compensatory wetland mitigation plan will be required.

2.2 Description of Species

There were no species planted for the temporary impacts. The temporarily impacted areas were left to revegetate naturally.

2.3 Results of Vegetation Monitoring

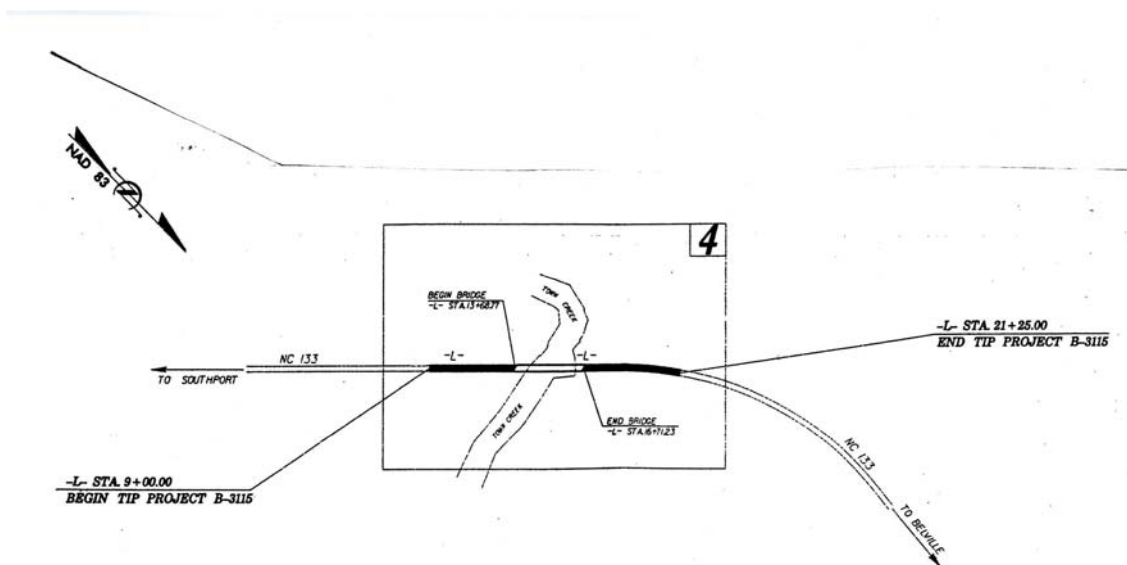
Species noted in temporary impact area are as follows: *Spartina cynosuroides*, *Spartina alterniflora*, *Scirpus robustus*, *Sagittaria* sp., *Panicum* sp., *Scirpus* sp., *Juncus* sp., sweetgum, fennel, ragweed, red maple, *Baccharis* sp., fern, and various grasses.

2.4 Conclusions

There were approximately 0.01 acres of temporary impacts on site. By visual observation, the Town Creek Bridge site shows that natural re-vegetation is occurring and that the impacted areas are re-attaining jurisdictional wetland status.

3.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

NCDOT proposes to discontinue vegetation monitoring at the Town Creek Bridge site.



VICINITY MAP
FIGURE 1
B-3115
BRUNSWICK COUNTY

APPENDIX A

SITE PHOTOS

Town Creek Bridge



Photo 1



Photo 2



Photo 3



Photo 4